



16638 U.S.PTO

Attorney Docket No.: TH2229 (US)

A Named Inventor/Application Identifier: Paul M. Ayoub, Steven C. Sumrow, Henk  
Dirkzwager, and Brendan D. Murray

Express Mail Label No.: US385949956 US

Title: METHODS OF PREPARING BRANCHED ALKYL AROMATIC HYDROCARBONS

Date: February 4, 2004

031431 U.S.PTO  
10/772023

020404

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**UNDER 37 CFR 1.53(b)**

Commissioner for Patents  
Box Patent Applications  
P. O. Box 1450  
Alexandria, VA 22313-1450

1.  This application is a(n):
  - a.  Original
  - b.  Continuation-in-part of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_
  - c.  Divisional of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_  
 Applicant(s) elect the invention of Group/Species \_\_\_\_\_
  - d.  Continuation of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_
2.  Specification
  - a.  Pages 145
  - b.  Drawings, Total sheets 9
3.  Oath or Declaration
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application  
 Please delete the following named inventors in the prior application: \_\_\_\_\_
4.  Please amend the specification
  - a.  By inserting before the first line:  
This is a  continuation  division  continuation-in-part of Application Serial No. \_\_\_\_\_ filed \_\_\_\_\_, the entire disclosure of which is hereby incorporated by reference
  - b.  By inserting before the first line:  
This application claims the benefit of U.S. Provisional Application No. 60/445,296 filed February 5, 2003, the entire disclosure of which is hereby incorporated by reference
  - c.  Cancel claims \_\_\_\_\_
5.  This application claims the benefit of Application Number \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ under 35 U.S.C. § 119, § 365(a), or § 365(b). (For originals)
6.  Microfiche Computer Program (Appendix)
7.  Recognize as an associate attorney \_\_\_\_\_, Registration No. \_\_\_\_\_

8.  Address all future communications to:

Donald F. Haas  
Shell Oil Company  
Legal – Intellectual Property  
P. O. Box 2463  
Houston, Texas 77252-2463

9.  Fee Transmittal (duplicate enclosed)

(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS (37 CFR 1.16(c))	281 - 20 =	261	X \$18.00 =	\$4698.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	7 - 3 =	4	X \$86.00 =	344.00
MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))		0	+ \$290.00 =	0
		BASIC FEE (37 CFR 1.16(a))		\$770.00
			Total of above Calculations =	5042.00
			TOTAL =	\$5812.00

10.  Please charge Deposit Account No. 19-1800 in the amount of \$5812.00.
11.  The Assistant Commissioner is authorized to charge all additional required fees or to credit overpayments, to Deposit Account No. 19-1800, including fees required under 37 CFR 1.17
12.  Accompanying Application Parts
- a.  Recordal of Assignment and Assignment  
b.  Information Disclosure Statement/PTO-1449  
c.  Preliminary Amendment  
d.  A self-addressed, stamped return receipt postcard to be returned with the filing date and Serial No. thereon  
e.  Certified copy of priority documents

Respectfully submitted,

PAUL M. AYOUB, STEVEN C. SUMROW,  
HENK DIRKZWAGER, and BRENDAN D. MURRAY

By

  
Their Attorney, Donald F. Haas  
Registration No. 26,177  
(713) 241-3356

P. O. Box 2463  
Houston, Texas 77252-2463